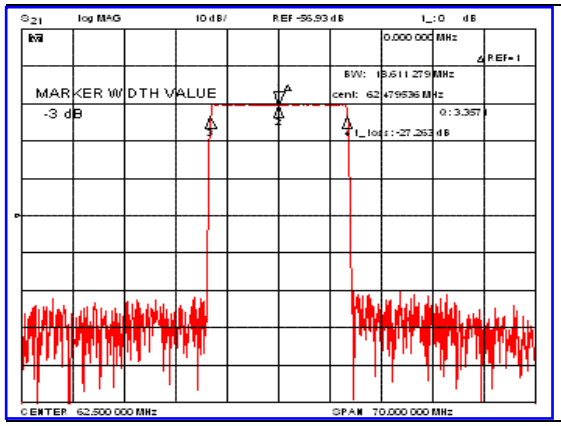
C·TECH

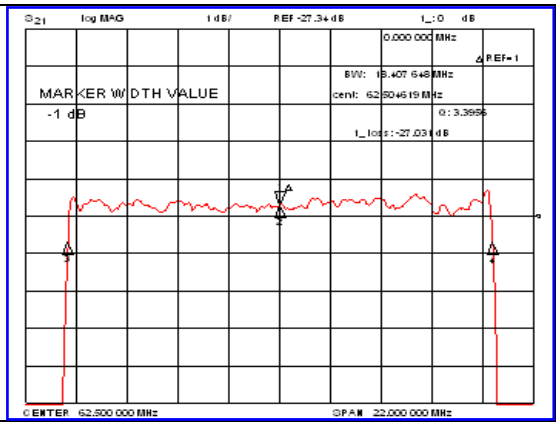
62.5 MHz Bandpass Filter
18.6 MHz Bandwidth

RoHS Compliant

351623

Typical Performance

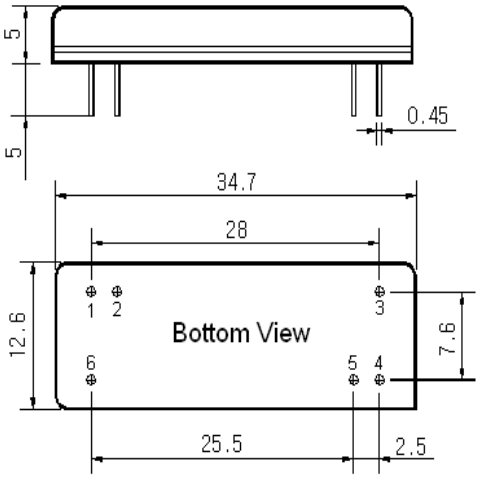




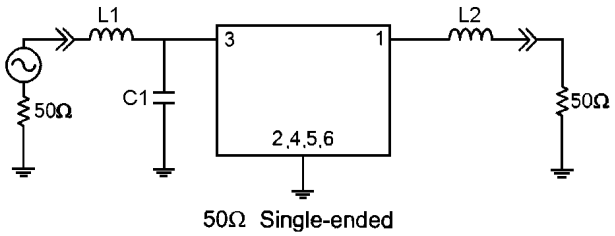
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	62.42	62.50	62.58
Insertion Loss	dB	-	27.26	29.00
1dB Bandwidth	MHz	-	18.40	-
3dB Bandwidth	MHz	18.55	18.61	-
45dB Bandwidth	MHz	-	19.58	19.65
Passband Ripple	dB	-	0.70	1.00
Group Delay Variation	nsec	-	50	100
Absolute Delay	μsec	-	3.18	-
Ultimate Attenuation	dB	48	51	-
Substrate Material	-	128-$LiNbO_3$		
Temperature Coefficient	ppm/°C	-72		

Package Dimension



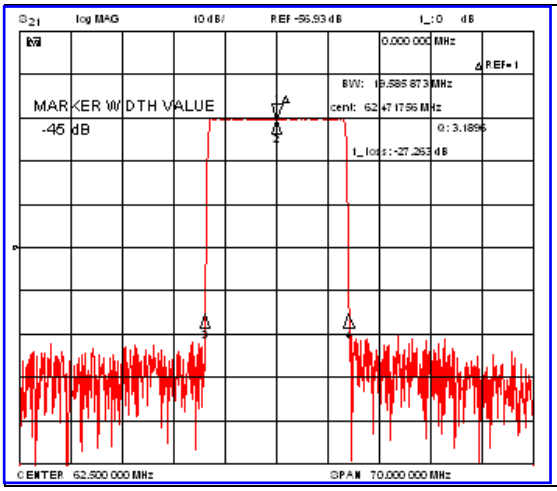
Matching Configuration

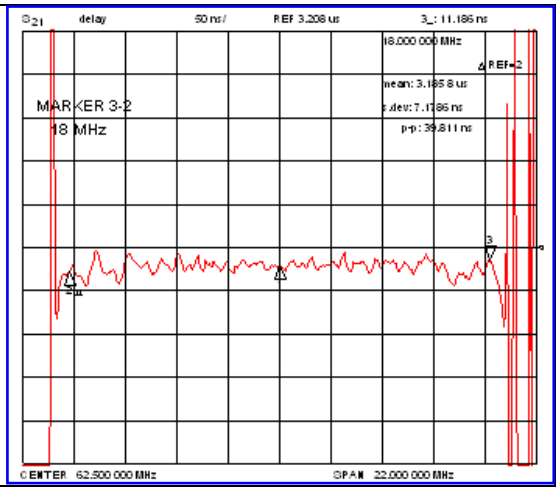


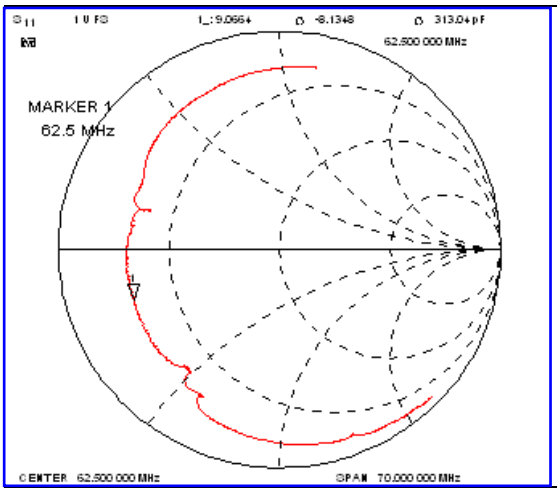
L1=150nH, L2=150nH, C1=5pF
Source / Load Impedance = 50Ω
Ambient Temperature = 25°C

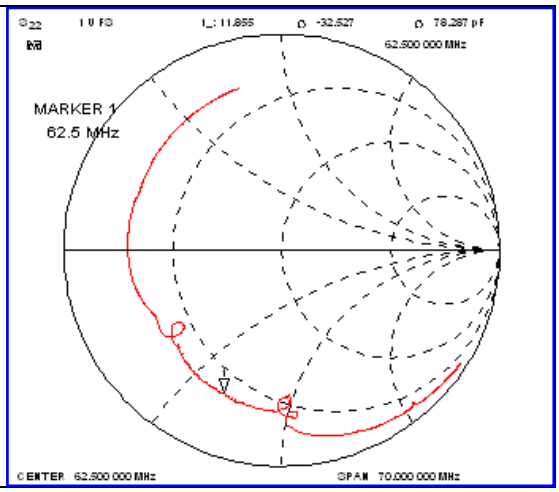
Rev.0 080725

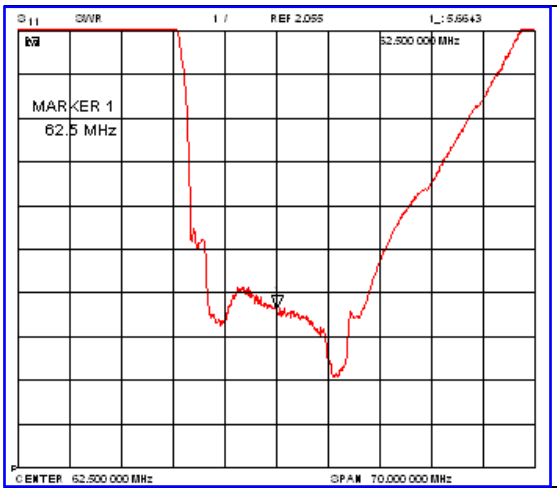
C-TECH CO., LTD. TEL : **82-31-703-2086** FAX : **82-31-703-2124**

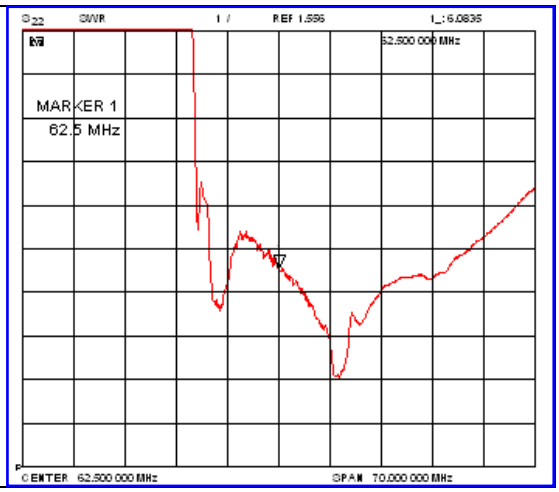

MARKER WIDTH VALUE
-45 dB
CENTER 62.500 000 MHz
SPAN 70.000 000 MHz


MARKER 3-2
18 MHz
CENTER 62.500 000 MHz
SPAN 22.000 000 MHz


MARKER 1
62.5 MHz
CENTER 62.500 000 MHz
SPAN 70.000 000 MHz


MARKER 1
62.5 MHz
CENTER 62.500 000 MHz
SPAN 70.000 000 MHz


MARKER 1
62.5 MHz
CENTER 62.500 000 MHz
SPAN 70.000 000 MHz


MARKER 1
62.5 MHz
CENTER 62.500 000 MHz
SPAN 70.000 000 MHz